

Comparisons of Job Characteristics

Focus Occupation: [Health Technologists and Technicians, All Other \(29-2099\)](#)

Associated Occupation: [Radiologic Technologists \(29-2034\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 84

Focus Occupation: Health Technologists and Technicians, All Other (29-2099)

Associated Occupation: Radiologic Technologists (29-2034)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Customer and Personal Service	11.3	18.4	15.5	< Expanded education and/or training may be required
Medicine and Dentistry	3.7	13.7	15.1	> Current knowledge level is likely sufficient
Physics	4.3	12.4	2.7	<< Extensive education and/or training may be required
Psychology	6.4	11.2	10.5	0 Current knowledge level may be sufficient
Biology	3.7	8.6	8.0	0 Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 87

Focus Occupation: Health Technologists and Technicians, All Other (29-2099)

Associated Occupation: Radiologic Technologists (29-2034)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Service Orientation	7.9	10.2	10.4	0 Current skill level may be sufficient
Operation and Control	5.4	9.5	5.0	<< Extensive development of skills in this area may be required
Operation Monitoring	6.6	9.0	8.0	< A higher skill level may be required
Science	4.5	8.2	6.0	<< Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 91

Focus Occupation: Health Technologists and Technicians, All Other (29-2099)

Associated Occupation: Radiologic Technologists (29-2034)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Arm-Hand Steadiness	6.8	10.5	8.7	<	Some improvement in abilities may be required
Control Precision	6.6	10.3	7.0	<<	Extensive improvement in abilities may be required
Multilimb Coordination	6.0	9.8	6.0	<<	Extensive improvement in abilities may be required
Static Strength	5.0	8.2	5.2	<<	Extensive improvement in abilities may be required
Extent Flexibility	4.8	8.0	5.5	<<	Extensive improvement in abilities may be required
Response Orientation	4.0	7.7	2.8	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

There are no common work activities.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 31

Focus Occupation: Health Technologists and Technicians, All Other (29-2099)

Associated Occupation: Radiologic Technologists (29-2034)

Tools and Technologies	Exclusivity
Blood pressure units and related products	11
Computers	1
Crystallography equipment	23
Data management and query software	1
Enema administration supplies	31
Indicating and recording instruments	2
Industry specific software	1
Intravenous and arterial tubing and administration sets and related products	22
Medical computed tomography CT or CAT systems and related products	27
Medical diagnostic x ray products	26
Medical imaging processing equipment and supplies	33
Medical magnetic resonance imaging MRI products	33
Medical radiation detection or monitoring products	31
Medical radiological imaging information and archiving products	43
Medical radiological positioning aids	47
Medical radiological shielding and protection products	31
Medical ultrasound and doppler and echo imaging products	19
Oxygen therapy delivery systems and devices	13

Specimen collection and transport containers and supplies	14
Syringes and accessories	14

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.